



**NORTHEASTERN**  
**STATE UNIVERSITY**  
*College of Science & Health Professions*

**B.S. Mathematics Road Map**  
 General Math Option

**First Year**

<b>Fall Semester</b>	<b>Spring Semester</b>
MATH 2614 Calculus I	MATH 2624 Calculus II
HIST 1483 or 1493 American History	MATH 3513 Statistical Methods
***Biological Science	**PHYS 2115 Engineering Physics I
ENGL 1113 Freshman Composition I	ENGL 1213 Freshman Composition II
UNIV 1003 University Strategies	
<b>Total Hours 16</b>	<b>Total Hours 15</b>

**Second Year**

<b>Fall Semester</b>	<b>Spring Semester</b>
*MATH 2634 Calculus III	**MATH 3983 Linear Algebra
*MATH 3703 Introduction to Proof	**MATH 4113 Differential Equations
Minor Course	Minor Course
POLS 1113 American Federal Government	***Communication Course
H ED 1113 Personal Health or NUTR 1653 Basic Nutrition	***Humanities (First Course)
<b>Total Hours 16</b>	<b>Total Hours 15</b>

**Third Year**

<b>Fall Semester</b>	<b>Spring Semester</b>
*MATH 3913 Introduction to Analysis ++ (even fall) OR *MATH 3713 Abstract Algebra I (odd fall)	**MATH 4063 Intermediate Analysis ++ (odd spring) OR ** MATH 4013 Abstract Algebra II ++ (even spring)
Minor Course	**MATH 4303 Complex Analysis I ++ (odd spring) OR **Math elective (even spring)
***Humanities (Second Course)	Minor Course
***Life Skills Course	***Social and Behavioral Sciences Course
Free Electives (1 hour)	***Global Perspectives Course
<b>Total Hours 16</b>	<b>Total Hours 15</b>

**Fourth Year**

<b>Fall Semester</b>	<b>Spring Semester</b>
*MATH 3713 Abstract Algebra I (odd fall) OR *MATH 3913 Introduction to Analysis ++ (even fall)	**MATH 4013 Abstract Algebra II ++ (even spring) OR **MATH 4063 Intermediate Analysis ++ (odd spring)
*MATH 4723 Senior Seminar	**Math Elective (even spring) OR **MATH 4303 Complex Analysis I ++ (odd spring)
Minor Course	Minor Course
Free Electives (7 hours)	Free Elective (6 hours)
<b>Total Hours 16</b>	<b>Total Hours 15</b>

**Total Degree Plan Hours 124**

\*Fall only, \*\*Spring only, \*\*\*See current catalog "General Requirements" for selection, ++Every two years